



QUICK REFERENCE

Infinity Series Monitor

Delta/Delta XL

Warning! This "Quick Reference" is not intended to be or, nor is it, a replacement for the instructions for use. For full information concerning the performance characteristics of the Dräger Medical devices described in the Quick Reference, each user must carefully read and fully comprehend the Instructions for Use before operating the respective device.

GETTING STARTED: The rotary knob at the bottom right corner of the monitor rotates left and right. It will highlight selections and is pressed (**CLICK**) to confirm the selection.

Connecting the patient

- Prep the patient's skin, place ECG electrodes appropriately
- Place SpO₂ sensor on patient
- Place blood pressure cuff on patient
- Press **Main Screen** key to begin active patient monitoring

Patient admit

Admission via MVWS is faster, however, you may admit from the bedside monitor

- Press **Menu** key
- Choose **Admit/Discharge**, press rotary knob to confirm.
- Choose **Admit** and enter required patient data.

Print 12 -Lead

- Press Fast Access
- Choose Reports, click to confirm
- Choose ECG Report, click to confirm

ALARM LEVELS

- **L-T (Life threatening)** alarm flashes red and sounds two alternating tones. L-T alarms must be manually silenced. Press the **Alarm Silence** key or suspend using the All Alarms Off key
- **SER (Serious)** alarm flashes yellow and sounds the same tone twice. A serious alarm will reset if the causing the alarm no longer exists.
- **ADV (Advisory)** alarm flashes white and sounds a single tone. Alarm resets if the violation ceases.

Understanding Soft Keys

Audio Pause	Silences the triggered bedside alarm for 60 seconds.
Alarms Off	Initiates 1-5 min. Suspension of all alarms
Record	Sends timed recordings to R50N.
Print Screen	Sends screen copy to laser printer.
Case Timer	Starts an on-screen timer.
Mark Event	Stores all waveforms on the screen to alarm review and places a marked set of vital signs into the trend.
Discharge	Quick Discharge key.
Patient Data	Fast access to frequently used information
Procedures	Fast access to Wedge, C.O., & Calculation menu.
Reports	To access all Report functions.
Main Screen	Returns to main monitor screen, removing any menus.

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Accessing Parameter Box Functions

All parameter box functions are accessed using the rotary knob to highlight the desired parameter, then press the rotary knob (click) to confirm selection.

ECG

Show All Leads:

- Highlight **HR** parameter box, click to confirm
- Select **Show All Leads**.

To Change Displayed Leads

- Touch the **Pressure Parameter box**.
- Select **Scale** size desired.

Change Displayed ECG Leads

- Highlight **Heart Rate** parameter box, click to confirm
- Choose **Lead Setup**, click to confirm
- Choose **Channel 1**, click to confirm
- Select desired lead, click to confirm
- Repeat steps to change other channels

Activate Pacemaker Detection

- Highlight **Heart Rate** parameter box, click to confirm
- Choose **ECG options**, click to confirm
- Choose **Pacer Detection ON**, click to confirm

Arrhythmia

- Highlight **Heart Rate** parameter box, click to confirm
- Highlight **ARR** parameter box, click to confirm
- Customize type of alarm, rate, count and archive function as desired.

NBP

- Highlight **NBP** click to confirm
- Choose **Interval Time**, click to confirm
- Dial in the desired time interval, click to confirm
- Press **NBP Start/Stop** key to begin the interval measurements. A bar appears under the NBP showing the interval time.
- To stop a measurement press **NBP Start/Stop key**.
- To suspend interval measurements press the NBP Start/Stop key quickly two times.

Respiratory Monitoring

- Highlight **Respirations** parameter box, click to confirm
- Enter desired menu options

SpO₂ Monitoring

To Change Waveform Size:

- Highlight **SpO₂** parameter box, click to confirm
- Adjust waveform size appropriately, click to confirm
- Select pulse tone source and volume, click to confirm



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Cardiac Output

- Press **CO Start** key on HEMOMED pod
- Confirm type and size of catheter, and injectate volume

****If using a different catheter choose 'other' and enter the comp constant from the catheter literature insert****

- In **Auto Mode** press the **CO Start** key on the HEMOMED pod ONCE more only, inject at green Ready prompt until all injections are complete
- In **Manual Mode** you must press the **CO Start** key before each injection
- Thermodilution curves and the numeric CO's will be displayed .Choose **Review Curves**, click to confirm
- Choose values to be discarded and click to confirm– a slash appears through the discarded value
- The CO average is displayed
- Choose **Save**, click to confirm
- The last CO value is displayed

Drug Dose Calculations

- Press **Fast Access** key
- Choose **Drug Dosage**, click to confirm
- Choose **New Drug**, click
- Select the desired drug or enter the drug information, click to confirm (Enter patient weight, if not entered)
- Enter the dose or rate desired, click to confirm
- A chart of the drug calculations will appear
- Press **Print Screen** key to print this list to the laser printer

Hemo/Oxy/Ventilation Calculations

- Press **Fast Access** key
- Choose **Calculations**, click
- Select **Get Parameters** click
- Values for any parameter not electronically monitored may be entered manually.Touch on the parameter and enter values.
- Choose **Calculate**, click to confirm
- Hemo/oxy/vent calcs are displayed on the screen
- Choose left sidebar to scroll through all the calcs
- One set of calcs may be saved as a reference for comparison. Normal values and measuring units are also available.
- Under the **Help** key calc abbreviations are spelled out and normal values displayed
- Choose **Report** to print a full calc report to the laser printer

CURSOR TOOL

Allows user to correlate up to 3 waveforms for measuring.

- Press **Menu** key
- Select **Cursor Tool** and click to confirm
- Select desired waveforms to correlate
- Utilize vertical and horizontal scroll bars



Temperature Monitoring

- Highlight **TEMP** parameter box, click to confirm
- Enter desired menu options

Alarm Limits

- Press **Alarm Limits** key
- Choose the limit(s) to be changed, click to confirm and dial to the desired value, click to confirm
- Verify the alarm is ON/OFF as desired

Recordings

- Press **Record** key for a timed R50 strip recording
- For a continuous recording to the R50, press **Menu** key, choose **Continuous Record**, and click to confirm

Access Saved Data

Trends

- Press **Fast Access** key
- Choose **Trend Graph** or **Trend Tables** click to confirm
- Select desired time interval, click to confirm
- Choose **Report** and it will print to the laser printer

Review Stored Events

- Press **Fast Access** key
- Choose **Event Recall**

Menu Functions

Change Patient Category

- Press **Menu** key
- Choose **Admit/Discharge**, click to confirm
- Choose **Admit**
- Select desired category, click to confirm

Category is displayed on screen

Place Monitor in Standby

- Press **Menu** key.
- Choose **Standby**, click to confirm

Access Privacy Screen

- Press **Menu** key.
- Choose **Privacy** and click
- Waveforms and alarms are visible and audible at MVWS
- Press **Main Screen** to restore bedside display

To Discharge

- Press **Discharge** key. *You will see a caution sign*
- Press **Discharge** key again.

Note: The monitor does not need to be powered off between patients.



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INVASIVE PRESSURES

- Connect HEMOMED pod or Y-cable to monitor
- Connect transducers directly or via intermediary cable as necessary

Note: Pressure channels will automatically configure when you plug in the transducers

Zero Transducers

- Turn stopcock(s) off to patient and open to air level with the phlebostatic axis (except ICP monitoring)
- Press the "0" key on the HEMOMED pod
- All open transducers will zero

**** If using a Y-cable highlight the Pressure Parameter box, choose Zero and click to confirm****

Change Labels

- Highlight the **Pressure Parameter** box, click to confirm
- Choose **Pressure Labels**, click to confirm
- Highlight the label you wish to change, click, choose the desired pressure label, click to confirm

Change the Waveform Scale

- Highlight the **Pressure Parameter** box, click to confirm
- Choose **Scale**, dial in desired scale, and click to confirm

PULMONARY ARTERY

For optimal waveform visualization during PA catheter insertion:

- Highlight any invasive pressure, click to confirm
- Choose **Pressure Overlap**, click "ON"
- Choose **50mmHg Common Scale**, click to confirm
- Press **Main Screen** key

***During the "float" press the MARK fixed key to store waveforms as you go through the RA, RV, & PA**

Note: You may also use the Wedge window to view the insertion

Pulmonary Wedge Pressure

- Press **Wedge** on HEMOMED pod or click PA parameter box and turn to **Wedge**, click to confirm
- Adjust sweep speed if desired
- Follow prompts on screen
- Choose **Cursor**, click
- Adjust cursor if desired
- Choose **Save PWP**, click
- **Wedge** will show on **Main Screen** in PA waveform area and will be saved in Hemocalcs